

Fig. 1A

SUS1	SEQ ID NO: 2	ENGIL <u>RR</u> WISRFDVW	native
SUS2	SEQ ID NO: 3	ENGIV <u>RR</u> WISRFEVW	native
SS2	SEQ ID NO: 10	GIV <u>RR</u> WISRFEVWPYL <u>KK</u>	active
SS11	SEQ ID NO: 11	ILRVPFRTENGIV <u>RR</u> (NH ₂)	inactive
SS12	SEQ ID NO: 12	GIV <u>RR</u> WISRFEVWPYL (NH ₂)	active
SS15	SEQ ID NO: 13	GIV <u>RR</u> A ISRFEV A PYL (NH ₂)	less active
SS16	SEQ ID NO: 14	SRFEVWPYL (NH ₂)	less active
SP3	SEQ ID NO: 18	<u>RR</u> ISSVE <u>DKK</u> (NH ₂)	inactive
NR11	SEQ ID NO: 15	GPTL <u>KK</u> TA S TAFMNTTS <u>KK</u>	inactive
SP26	SEQ ID NO: 16	GR <u>MR</u> IA T VE M KK	inactive
SS1	SEQ ID NO: 9	GDRVLSRLHSVRERIGK	inactive
ACTIN	SEQ ID NO: 19	EHGIVTNWDDMEKIWHHTFY	consensus

Double basic cluster: black box; e.g. **KK**

Possible region of specificity: underlined or boxed

Substitutions: bold